$10/723097$

PATENT

Attorney Docket No. 46107-0098

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 6,922,628 B2

Issued: July 26, 2005

Name of Assignee: Visteon Global Technologies, Inc.

Inventor(s):   Guoming G. Zhu et al.

Title of Invention: IC ENGINE DIAGNOSTIC SYSTEM USING THE PEAK AND INTEGRATION IONIZATION CURRENT SIGNALS

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR PATENT OFFICE MISTAKE (37 C.F.R. § 1.322(a))

Commissioner For Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Certificate

AUG 1 9 2005

of Correction

Attn: Decision and Certificate of Correction
Branch of the Patent Issue Division

Dear Sir:

It is requested that a Certificate of Correction be issued to correct errors found in the above-identified patent. Attached hereto is a Certificate of Correction, in duplicate, which indicates the following requested corrections:

Column 1, line 54 (Application page 2, line 11) "diagnostic" should be --diagnostics--.

Column 2, line 4 (Amendment dated March 14, 2005, page 2, paragraph 0009, line 1) after "invention" insert --,--.

Column 3, line 8 (Application page 4, line 22) "access" should be --assess--.

Column 3, line 53 (Application page 6, line 7) "circumstance" should be --circumstances--.

Column 7, line 63 (Application 14, line 3) "$INTC_{12}$" should be --$INTC_{i2}$--.

Column 8, line 8 (Application page 14, line 10) "$INTC_{12}$" should be --$INTC_{i2}$--.

Column 8, line 12 (Application page 14, line 13) "$INT_{12} = \int Ion(t)\, dt \times PWM_{DC} = \int Ion(\theta)\, d\theta \times PWM_{DC} / (6 \times RPM)$" should be --$INT_{i2} = \int Ion(t)\, dt \times PWM_{DC} = \int Ion(\theta)\, d\theta \times PWM_{DC} / (6 \times RPM)$--.

Column 8, line 18 (Application page 14, line 18) "$INTC_{12} = \int Ion(\theta)\, d\theta = 6 \times RPM \times INT_{12} / PWM_{DC}$" should be --$INTC_{i2} = \int Ion(\theta)\, d\theta = 6 \times RPM \times INT_{i2} / PWM_{DC}$--.

Column 8, line 20 (Application page 14, line 20) "$INTC_{12}$" should be --$INTC_{i2}$--.

Column 11, line 47 (Application page 21, line 3) "TH_{PC}" should be --TH_{FC}--.

Column 12, line 1 (Application page 21, line 17) after "assembly" insert --threshold TH_{FC}, the diagnostic subroutine determines that the ignition coil/ion-sensing assembly--.

Column 15, line 23 (Application page 28, line 3) "PFT" should be --PFI--.

AUG 2 3 2005

AUG 2 3 200~

Patent No.   6,922,628 B2
Issued: July 26, 2005
Patentee: Guoming G. Zhu et al.

Column 15, line 32 (Application page 28, line 10) "band" should be --bank--.

Column 15, line 50 (Application page 28, line 21) "is" should be --if--.

Column 16, line 28 (Application page 30, line 5) "change" should be --changes--.

Column 17, line 42, Claim 5 (Amendment dated March 14, 2005, page 6, Claim 5, line 4) "soil" should be --coil--.

Column 20, line 14, Claim 14 (Amendment dated March 14, 2005, page 11, Claim 14, line 9) ";" should be --:--.

It is believed that there is no charge for this request since the Applicants were not responsible for such errors. However, the Assistant Commissioner is hereby authorized to charge any fees which may be required to Deposit Account No. 04-1061. A duplicate copy of this communication is enclosed for that purpose.
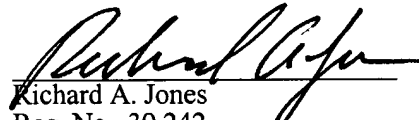
Respectfully submitted,

DICKINSON WRIGHT PLLC

Date: 8/12/05

Richard A. Jones
Reg. No. 39,242

1901 L Street N.W.
Suite 800
Washington, DC 20036
(248) 433-7285

RAJ/gmp
Enclosures

BLOOMFIELD 46107-98 707657v1

AUG 2 3 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,922,628 B2

DATED : July 26, 2005

INVENTOR(S) : Guoming G. Zhu et al.   Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 1, line 54, "diagnostic" should be --diagnostics--.

Column 2, line 4, after "invention" insert --,--.

Column 3, line 8, "access" should be --assess--.

Column 3, line 53, "circumstance" should be --circumstances--.

Column 7, line 63, "INTC$_{12}$" should be --INTC$_{i2}$--.

Column 8, line 8, "INTC$_{12}$" should be --INTC$_{i2}$--.

Column 8, line 12, "INT$_{12}$ = ∫Ion(t) dt x PWM$_{DC}$ = ∫Ion(θ) dθ x PWM$_{DC}$ / (6 x RPM)" should be --INT$_{i2}$ = ∫Ion(t) dt x PWM$_{DC}$ = ∫Ion(θ) dθ x PWM$_{DC}$ / (6 x RPM)--.

Column 8, line 18, "INTC$_{12}$ = ∫Ion(θ) dθ = 6 x RPM x INT$_{12}$ / PWM$_{DC}$" should be --INTC$_{i2}$ = ∫Ion(θ) dθ = 6 x RPM x INT$_{i2}$ / PWM$_{DC}$--.

Column 8, line 20, "INTC$_{12}$" should be --INTC$_{i2}$--.

Column 11, line 47, "TH$_{PC}$" should be --TH$_{FC}$--.

Column 12, line 1, after "assembly" insert --threshold TH$_{FC}$, the diagnostic subroutine determines that the ignition coil/ion-sensing assembly--.

Column 15, line 23, "PFT" should be --PFI--.

Column 15, line 32, "band" should be --bank--.

Column 15, line 50, "is" should be --if--.

Column 16, line 28, "change" should be --changes--.

Column 17, line 42, Claim 5, "soil" should be --coil--.

Column 20, line 14, Claim 14, ";" should be --:--.

PATENT NO. 6,922,628 B2

MAILING ADDRESS OF SENDER: Richard A. Jones, Reg. No. 39,242
Dickinson Wright PLLC
1901 L Street N.W., Suite 800
Washington, D.C. 20036

No. of additional copies

⇨

AUG 2 3 2005